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INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	Docket Number 2103248-990140	Application Number 09/916,701
	Applicant Boon-Siew Ooi	
	Filing Date July 26, 2001	Group Art Unit 2812

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
SM	0 4 7 5 3 3 0	3/92	EP				

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

SM	Poole, P.J. et al.: "Quantum Well Intermixing For the Realization Of Photonic Integrated Circuits", Proceedings of the SPIE, SPIE, Bellingham, VA, vol. 2613, dated 10-24-95, pages 9-16.
	Zucker, J.E. et al.: "Large Blueshifting Of INGAAS/INP Quantum-Well Band Gaps By Ion Implantation", Applied Physics Letters, American Institute of Physics, New York, vol. 60, no. 24, dated 6-15-92, pages 3036-3038.
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	Kupka, R.K. et al.: "Gallium-Implantation-Enhanced Intermixing of Close-Surface GAAS/ALAS/ALGAAS Double-Barrier Quantum Wells", Journal of Applied Physics, American Institute of Physics, New York, vol. 78, no. 4, dated 8-15-95, pages 2355-2361.
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	Yu, S.J. et al.: "Disordering Of INGASS/INP Superlattice And Fabrication Of Quantum Wires By Focused GA Ion Beam", Journal of Vacuum Science and Technology: Part B, American Institute of Physics, New York, vol. 9, no. 5, dated 9-1-91, pages 2683-2686.
SM	Copy of the International Search Report from a foreign patent office in a counterpart foreign application.

EXAMINER S. M. [Signature]	DATE CONSIDERED 4/17/05
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Complete if Known

Application Number	09/916,701
Filing Date	July 26, 2001
First Named Inventor	Ooi, Boon-Siew
Group Art Unit	
Examiner Name	
Attorney Docket Number	021040-000800US

(use as many sheets as necessary)

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U.S. PATENT DOCUMENTS						
Examiner Initials *	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
Sum	AA	4,511,408		Holonyak, Jr.	04-16-85	
	AB	4,771,010		Epler, et al.	09-13-88	
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Samuel

9/24/03

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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